



2400 ANACONDA TOWER • 555 SEVENTEENTH STREET • DENVER, COLORADO 80202 • 303-825-6100 • TWX 910-931-2620

November 27, 1979

Mr. Cleon B. Feight
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Anschutz Ranch Field
Anschutz Ranch Well No. 4-1
SE $\frac{1}{4}$ Sec. 4, T3N, R7E
Summit County, Utah

Mr. Feight:

Attached please find submitted in triplicate, our application for permit to drill and survey plats for the referenced location. Please feel free to contact me should you have any questions.

Sincerely yours,

Peter B. Doty
Operations Coordinator

PBD:amc

Enclosures

RECEIVED
DEC 3 1979

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. Unit Agreement Name

b. Type of Well

Oil
Well ☒Gas
Well ☒

Other

Single
Zone ☐Multiple
Zone ☐

8. Farm or Lease Name

2. Name of Operator

The Anschutz Corporation

Anschutz Ranch

9. Well No.

4-1

3. Address of Operator

555- 17th Street Suite 2400 Denver, Colo. 80202

10. Field and Part, or Wildcat
~~Undersigned~~
Anschutz Ranch

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1193.9' FSL & 1485.1' FEL Section 4 SWSE

11. Sec., T., R., M., or Bk.
and Survey or Area

At proposed prod. zone

Same

Sec. 4, T3N, R7E

14. Distance in miles and direction from nearest town or post office*

approximately 22 miles SW of Evaston, Wyoming

12. County or Parrish 13. State

Summit Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned
to this well

320 Standup

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

7600' → Twin Creek

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7576' Gr ungraded

22. Approx. date work will start*

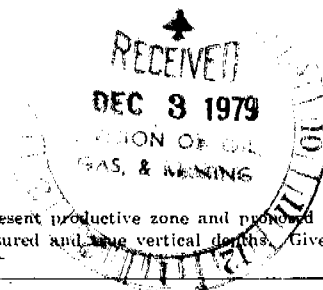
1-1-80

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
20"	13 3/8	48#	100'	To surface
12 1/4	9 5/8	36#	2000'	To surface
8 3/4	7	17-20#	TD	1000 Sx

This well will be drilled to an approximate total depth of 7600 feet to test the Nugget and Twin Creek formations. Mud and BOP programs will be those generally used in the area. Electric logs will be run to TD. No cores are planned at this time. Drill stem tests will be run as warranted. If production is obtained casing will be run through the productive intervals and selectively perforated. Frac'ing and/or acidizing may be required to stimulate production. Blanket Bond is on file. Survey plots are attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Peter B. Doty

Title Operation Coordinator

Date 11-27-79

(This space for Federal or State office use)

Permit No.

43-043-30121

Approval Date

December 5, 1979

Approved by

Title

Date

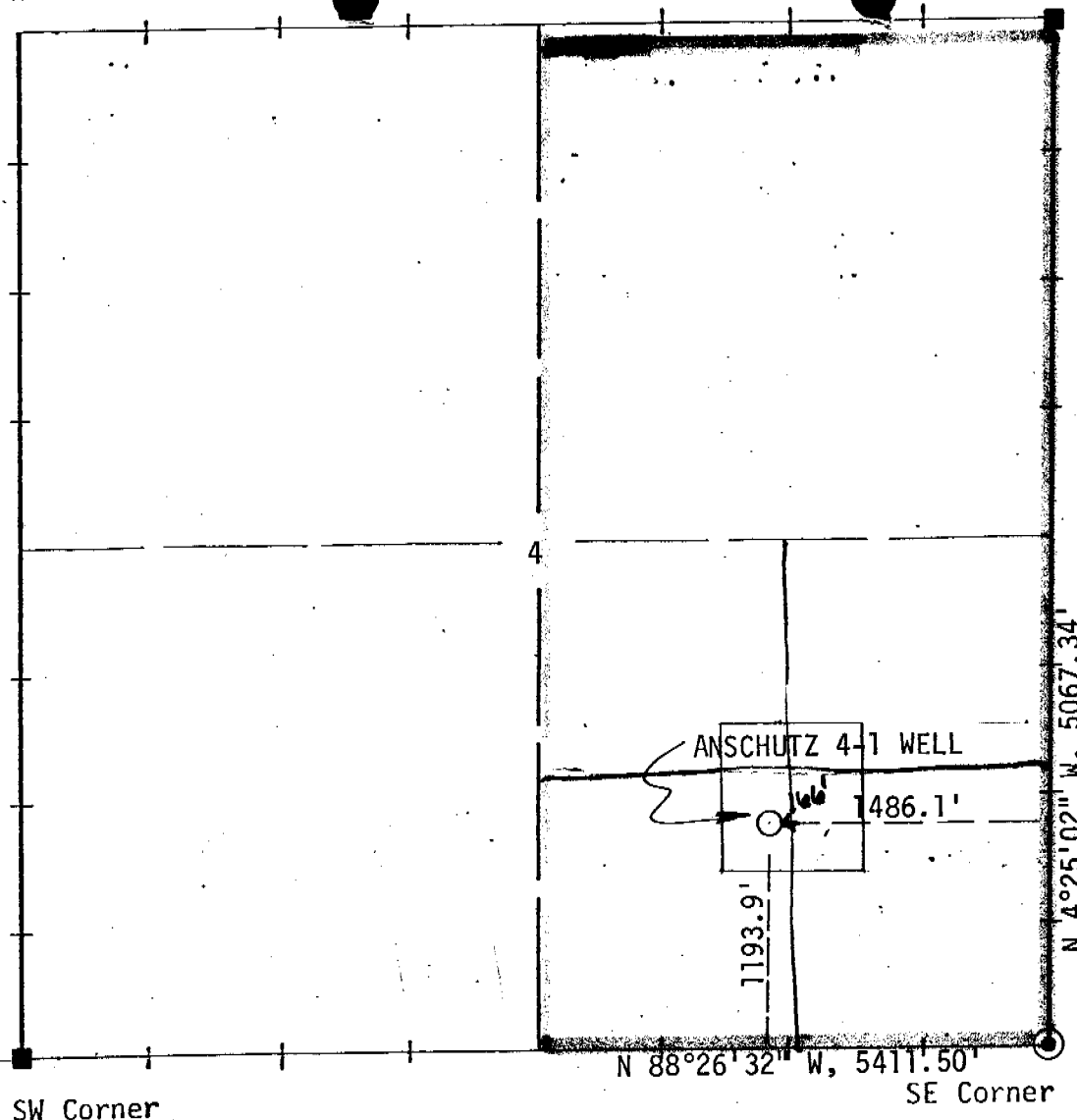
Conditions of approval, if any:

NW Corner

T 3 N

R 7 E

NE Corner



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊙ Found Stone - Set Brass Cap
- Hub and Tack

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Pete Doty of Denver, Colorado for Anschutz Corporation I made a survey on the 22nd day of October, 1979 for Location and Elevation of the Anschutz 4-1 Well as shown on the above map, the wellsite is in the SW 1/4 SE 1/4 of Section 4, Township 3N, Range 7E of the Salt Lake Base & Meridian, Summit County, State of Utah. Elevation is 7011 Feet Top of Hub Datum U.S.G.S. Quadrangle - Castle Rock, Utah - SW 1/4 SE 1/4 Section 34, T 4 N, R 7 E, SLB&M - Elevation 7722'

Reference point	NORTH	200'	TOP OF PIN	ELEVATION	6978.5'
Reference point	SOUTH	200'	TOP OF PIN	ELEVATION	7023.1'
Reference point	EAST	200'	TOP OF PIN	ELEVATION	6981.2'
Reference point	WEST	200'	TOP OF PIN	ELEVATION	7017.4'

John A. Proffit 11/5/79
JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: OCTOBER 26, 1979
JOB NO.: 79-20-9

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

ANSCHUTZ RANCH No. 4-1
Summit County, Utah

Acidizing Record

<u>Interval</u>	<u>Amount & Kind of Material Used</u>
7260-7335'	16,000 gallons 15% HCL
7160-7235'	12,000 gallons 15% HCL
7062-7110'	9,000 gallons 15% HCL
6826-6954'	17,000 gallons 15% HCL
6676-6832'	12,000 gallons 15% HCL

**** FILE NOTATIONS ****

DATE: Dec 3, 1979
Operator: The Anschutz Corporation
Well No: Anschutz Ranch #4-1
Location: Sec. 4 T. 3N R. 7E County: Summit
File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒

☐ API Number 43-043-30121

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: _____

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☒

Order No. 183-1 7/26/79

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage
within a 660' radius of proposed site ☒

Lease Designation 300

Plotted on Map ☒

Approval Letter Written ☒

Wm

3
2
plus statement-
request to go
ownership

hl
PI

December 5, 1979

The Anschutz Corporation
555 17th Street, Suite 2400
Denver, Colorado 80202

Re: Well No. Anschutz Ranch #4-1
Sec. 4, T. 3N, R. 7E.,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, you must request a topographical exception as this well is located closer than 500' from the quarter-quarter section line. Also, this Division requires that a letter be sent to this office stating that The Anschutz Corporation owns or controls the acreage within a 660' radius of the proposed well site. A

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30121.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

~~cc: [illegible]~~

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. Fee	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR The Anschutz Corporation						7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 555 - 17th St., Suite 2400, Denver, Colorado 80202						8. FARM OR LEASE NAME Anschutz Ranch	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1193.9' FSL & 1485.1' FEL of Sec. 4 or SE 1/4 At top prod. interval reported below Same SW SE At total depth Same						9. WELL NO. 4-1	
14. PERMIT NO. 43-043-30121						12. COUNTY OR PARISH Summit	
DATE ISSUED 12-5-79						13. STATE Utah	
15. DATE SPUDDED 1-31-80		16. DATE T.D. REACHED 3-16-80		17. DATE COMPL. (Ready to prod.) 6-20-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6960' GR - 6974' RKB	
19. ELEV. CASINGHEAD 6960'		20. TOTAL DEPTH, MD & TVD 7707'					
21. PLUG, BACK T.D., MD & TVD 7025'		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY →		24. ROTARY TOOLS 0-7707'	
25. CABLE TOOLS none		26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7072-7235' Rich 6676-6954' Watton Canyon					
27. TYPE ELECTRIC AND OTHER LOGS RUN SP-DLL-GR, CNL-FDC-GR, BHC-Sonic-GR, Dipmeter, FIC-GR						28. WAS DIRECTIONAL SURVEY MADE no	
29. WAS WELL CORED no						30. TYPE ELECTRIC AND OTHER LOGS RUN SP-DLL-GR, CNL-FDC-GR, BHC-Sonic-GR, Dipmeter, FIC-GR	
29. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8	48	80	20	100 sx to surf		none	
9-5/8	36	1869	12-1/4	700 sx		"	
5-1/2	15.5 & 17	7699		240 sx		"	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
none					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	6579'	6579'
31. PERFORATION RECORD (Interval, size and number) PD - 7260-85, 7320-35, 7160-7235, 7025-7110 6913-18, 6990-54, 6870-78, 6889-94, 6903-08, 6676-84, 6720-32, 6773-80, 6790-99, 6826-32 .43" 2 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See Attached AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION							
DATE FIRST PRODUCTION 6-18-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in - WOPL	
DATE OF TEST 6-18-80	HOURS TESTED 5	CHOKE SIZE 64/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 80	GAS—MCF. 3627	WATER—BBL. -	GAS-OIL RATIO 49425
FLOW. TUBING PRESS. 555	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 87	GAS—MCF. 4300	WATER—BBL. -	OIL GRAVITY-API (CORR.) 45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared						TEST WITNESSED BY Tom Aurelius	
35. LIST OF ATTACHMENTS Acidizing Record							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Wayne C. Pierce		TITLE Rocky Mtn. Prod. Mgr.				DATE 7-17-80	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Various Tertiary	0	5589	Probable water	Pruess Salt	5590	
				Twin Creek	5898	
				Leads Creek	6516	
				Watton Creek	6636	
				Boundary Butte	6984	
				Rich	7034	
				Slide Rock	7314	
				GYP Springs	7384	
				Nugget	7480	
				T.D.	7700	

THE ANSCHUTZ CORPORATION
2400 ANACONDA TOWER • DENVER, COLORADO 80202
PHONE (303) 825-6100

MESSAGE

REPLY

TO Cleon Feight
State of Utah Division of Oil, Gas
& Mining
1588 West, North Temple
Salt Lake City, Utah 84116

DATE July 17, 1980

Re: Anschutz Ranch #4-1
SE $\frac{1}{4}$ 4-3N-7E
Summit Co., Utah

Enclosed are duplicates of the
Well Completion Report & Log.

Cordially,

Beth

Beth Vierra

BY cc: WI Owners

DATE

RECEIVED
JUL 21 1980

DIVISION OF
OIL, GAS & MINING

SIGNED

Form N-R73 The Drawing Board, Inc., Box 505, Dallas, Texas

INSTRUCTIONS TO SENDER:

1. KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES WITH CARBON INTACT.

INSTRUCTIONS TO RECEIVER:

1. WRITE REPLY. 2. DETACH STUB, KEEP PINK COPY, RETURN WHITE COPY TO SENDER.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		5. Lease Designation and Serial Number: Fee
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		6. If Indian, Allottee or Tribe Name:
2. Name of Operator: The Anschutz Corporation		7. Unit Agreement Name:
3. Address and Telephone Number: 555 17th Street; Suite 2400, Denver, Colo. 80202 (303)298-1000		8. Well Name and Number: AR 4-1
4. Location of Well Footages: 1193.9' FSL & 1485.1' FEL QQ, Sec., T., R., M.: SWSE Section 4, T3N, R7E		9. API Well Number: 43-043-30121
		10. Field and Pool, or Wildcat: Anschutz Ranch
County: Summit State: Utah		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>Status</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

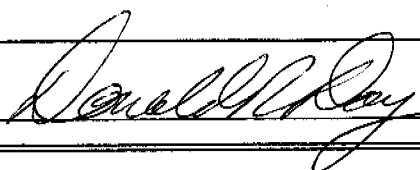
This well has been shut-in for evaluation since 11/91. Last Production was 1986.

RECEIVED

JAN 14 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: Donald R. Day  Title: Drilling & Production Mgr. Date: 12/30/92

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator: The Anschutz Corporation

3. Address and Telephone Number: (303) 298-1000
555 Seventeenth Street; Suite 2400, Denver, CO 80202

4. Location of Well

Footages: 1193.9' FSL & 1485.1' FEL

QQ, Sec., T., R., M.: SWSE Section 4, T3N, R7E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:
AR 4-1

9. API Well Number:
43-043-30121

10. Field and Pool, or Wildcat:
Anschutz Ranch

County: Summit

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well has been shut-in since 11/91. Last gas production was 1986.

Plans for well depend upon performance of Anschutz Ranch 34-1.

13.

Name & Signature: Donald R. Day  Title: Engineering Manager-RMD Date: 1-22-96

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ANSCHUTZ RANCH 4-1	
2. NAME OF OPERATOR: ANSCHUTZ CORPORATION, THE	9. API NUMBER: 43043301210000	
3. ADDRESS OF OPERATOR: 555 17th Street Suite 2400 , Denver , CO, 80202	PHONE NUMBER: 303 298-1000 Ext	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1194 FSL 1485 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 04 Township: 03.0N Range: 07.0E Meridian: S	COUNTY: SUMMIT	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached plug and abandon procedure.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 09, 2016

By: *Derek Dunt*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Bill Miller	PHONE NUMBER 303 298-1000	TITLE
SIGNATURE N/A		DATE 4/14/2016



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43043301210000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

5/3/2016

Wellbore Diagram

r263

API Well No: 43-043-30121-00-00

Permit No:

Well Name/No: ANSCHUTZ RANCH 4-1

Company Name: ANSCHUTZ CORPORATION, THE

Location: Sec: 4 T: 3N R: 7E Spot: SWSE

Coordinates: X: 486813 Y: 4541017

Field Name: ANSCHUTZ RANCH

County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (bbl/ft)
HOL1	80	20			
COND	80	13.325	48		
HOL2	1869	12.25			
SURF	1869	9.625	36		
HOL3	7707	8.75			
PROD	7699	5.5	15.5		

Cement from 80 ft. to surface

Conductor: 13.325 in. @ 80 ft.

Hole: 20 in. @ 80 ft.

Plug #4

$$\text{In } 100' = 125x$$

$$\text{Out } 100' / (1.15)(3.716) = 2.45x$$

$$8\frac{3}{4}" \times 5\frac{1}{2}" (108)$$

$$365x \text{ total } 95' \times 5\frac{1}{2}"$$

Propose 33x 6d.

7.483

2.939

3.716

Cement from 1869 ft. to 63 ft.

Surface: 9.625 in. @ 1869 ft.

Hole: 12.25 in. @ 1869 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	80	0	UK	100
PROD	7699	5610	UK	240
SURF	1869	63	UK	700

Plug #3

$$\text{Below } 100' = 65x$$

$$\text{Out } 50' / (1.15)(2.939) = 155x$$

$$(1185x)(1.15)(3.716) = 504$$

$$\text{Total } 1365'$$

Above 115x = 95' to 1769'

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
6676	7335			

Plug #2

$$\text{Below } 100' = 65x$$

$$\text{Out } 50' / (1.15)(7.483) = 65x$$

$$\text{Out } (1085x)(1.15)(2.939) = 365'$$

$$\text{Total } 2635'$$

Above 115x = 95' to 2830'

Formation Information

Formation	Depth
PREUS	5590
TWNCR	5898
LEDCK	6516
WTCYN	6636
BNDBT	6984
RICH	7034
SLDRK	7314
GYSPS	7384
NGSD	7480

Production: 5.5 in. @ 7699 ft.

Hole: Unknown

Hole: 8.75 in. @ 7707 ft.

TD:

7707

TVD:

PBD:

THE ANSCHUTZ CORPORATION
Anschutz Ranch 4-1
SWSE, 1994' FSL & 1486' FEL, Sec. 4-4N-7E
Summit Co., UT
API # 49-043-30121

PLUG AND ABANDON PROCEDURE

Pertinent Data Sheet

Field: **Elevation:** 7004'GL/7018'KB **ID:** 7,707' TVD
Spud Date: 1/31/1980 **Rig:** **PBTD:** 7,024' TVD

CASING PROGRAM:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>TOC</u>
20"	13.375"	48# K-55,STC	0-80'	100 sx	Suface
12.25"	9.625"	36# K-55,LTC	0-1869'	700 sx	63'
8.75"	5.5"	15.5#&17# N-80	0'-7699'	2400 sx	5610' (CBL)

Tubular: 5-1/2" 15.5 J-55 – Burst: 4,810 psi (100%), 2,886 psi (60%); Collapse: 4,040 psi (100%); ID drift – 4.825", Capacity: 0.0238 bbls/ft
5-1/2" 17# N-80 - Burst: 7,740 psi (100%), 4,644 psi (60%); Collapse: 6,280 psi (100%); ID drift – 4.767", Capacity: 0.0232 bbls/ft
2-7/8" 6.5# L-80 – Burst: 15,000 psi (100%); Capacity: 0.00579 bbls/ft

Wellhead: Unknown

All Depths KB (unless noted otherwise)

1. MIRU pulling unit and equipment (tanks, work fluid)
2. Check and record well pressures. 2-7/8" tbg. 2-7/8" x 5-1/2" annulus and 5-1/2" x 9-5/8" annulus.
3. ND wellhead. NU 5K BOP. Pressure test.
4. RU wireline, run free point to verify where tubing is free. Chemically cut tubing. Assumed to be stuck at ~5,613'. RD wireline.
5. POOH with 2 jts of 2-7/8" tubing. Circulate and pump 130 bbls of 9.8# mud laden fluid. POH with remaining tubing.
6. RIH with 4.75" bit and scraper to tubing stub. POOH with bit.
7. RIH with 5-1/2" CICR with 2-7/8" tubing and stinger and set at ~5,600'. Pressure test CICR. Sting into CICR and attempt to establish injection into perms.

8. RU cementers. If injection is established, squeeze 210 sks (cased hole volume from CIBP @ 7,024' to CICR + 50 sks) of 15.8 ppg neat Class G cement (1.15 cuft/sk yield) below CICR. Sting out and pump 11 sks (100') of neat Class G cement on top of CICR. POOH.
9. Pressure test casing to 500 psi for 15 mins, document results. Release pressure.
10. Perforate for squeeze at 3,000' with a minimum of 4 holes. RD wireline.
11. Establish injection down casing. Leaving 5-1/2" x 9-5/8" annulus open.
12. RIH with 5-1/2" cement retainer and stinger assembly on 2-7/8" tubing. Set retainer at ~2,950'.
Pressure test retainer. Sting into retainer.
13. Mix and pump 125 sacks of 15.8 ppg class G cement. Pump 114 sacks below retainer, sting out and pump 11 sacks on top of retainer for a top of cement at 2,850'.
14. Perforate for squeeze at 1,919' with a minimum of 4 holes. RD wireline.
15. Establish injection down casing. Leaving 5-1/2" x 9-5/8" annulus open.
16. RIH with 5-1/2" cement retainer with stinger assembly on 2-7/8" tubing. Set retainer at ~1,869'.
Pressure test retainer. Sting into retainer.
17. Mix and pump 150 sacks of 15.8 ppg class G cement. Pump 139 sacks below retainer, sting out and pump 11 sacks on top of retainer for a top of cement at 1,769'.
18. POH with tubing.
19. Casing punch 5-1/2" casing at 100'.
20. Mix and pump down 5-1/2" casing with 33 sacks of 15.8 ppg cement.
21. ND BOP. Cut wellhead 3' below surface.
22. Run 1" string between 9-5/8" x 13-3/8" annulus and pump cement to surface. Run 1" string between 5-1/2" x 9-5/8" annulus and pump cement to surface.
23. Top off 5-1/2" casing with cement.
24. Weld and cap well. Permanent monument installed showing the well number, location and name of the lease. Pipe used not less than 4" in diameter and not less than 10' in length embedded in cement.
25. GPS location for final verification.
26. Reclaim location per requirements.

ANSCHUTZ RANCH 4-1

API	43-043-30121	Section	4	Township	4N	Range	7E	Footage	1194' FSL 1486' FEL
County	Summit		State	Utah			Spud Date	January 31, 1980	
Ground Elev.	7,004'	KB Elev.	7,018'		Current as of		September 26, 2006		

TOC: 0'

TOC: 63'

20" Hole
13-3/8" 48# K-55 csg @ 80'
cmt w/ 100 sx to surf.

12-1/4" Hole
9-5/8" 36# K-55 csg @ 1869'
cmt w/ 700 sx to 63'

TOC: 5610'

Tbg stuck at 5,613'

6/17/80 - perforate 6676' - 6832'

6/13/80 - perforate 6870' - 6954', flowing 4.2 MMcfd

Acidize together w/ 17000 gal 15% HCl, flowing 4 MMcfd

CIBP @ 7024'

6/7/80 - perforate 7072' - 7110', acidize w/ 4500 gal 15% HCl, no shows

CIBP @ 7150'

6/4/80 - perforate 7160' - 7235', acidize w/ 6000 gal 15% HCl, no shows

TOC: 7659'

5/31/80 - perforate 7320' - 7335', acidize w/ 8000 gal 15% HCl, no shows

TD: 7707'

8-3/4" Hole
5-1/2" 15.5 & 17# N-80 csg @ 7699'
cmt w/ 2400 sx to 5610'

ANSCHUTZ RANCH 4-1

API	43-043-30121	Section	4	Township	4N	Range	7E	Footage	1194' FSL 1486' FEL
County	Summit		State	Utah			Spud Date	January 31, 1980	
Ground Elev.	7,004'	KB Elev.	7,018'	Current as of			September 26, 2006		

Geologic Markers
Formation**Measured Depth****Drill Stem Tests**
Test # Depth**Recovered****Completions**
From To**Stimulation****IP Rate**

6676	6684	↑		
6720	6732	↓		
6773	6780	↑		
6790	6799	↓		
6826	6832	↑		
6870	6878	↓	Acidize w/ 17000 gal 15% HCl	4 MMcfd
6889	6894	↑		
6903	6908	↓		
6913	6918	↑		
6940	6954	↓		
7072	7082	↑	Acidize w/ 4500 gal 15% HCl	no shows
7096	7110	↓		
7160	7185	↑		
7196	7202	↓	Acidize w/ 6000 gal 15% HCl	no shows
7220	7235	↑		
7320	7335	↓	Acidize w/ 8000 gal 15% HCl	no shows

ANSCHUTZ RANCH 4-1 WELLBORE CHRONOLOGY

June 1980	Complete well with 5-1/2" 15.5# and 17# N-80 csg to 7,699' (4.892" drift dia.) with 2-7/8" tbg to 6,579'
June 1981	Ran 2.3" gauge ring to 2650', ran 1.9" gauge ring to 6861'
November 1985	Packer and tbg stuck, chemically cut tubing at approximately 6486' (or possibly at 6509', report is unclear). Tubing stuck in collar at 5613'. Able to swab tubing from 5500'. Tried to swab tubing from 6000, but swab cups hung up at 5600'.
1991	Attempted to run pressure bomb through tubing, hung up at 5601'
11-16-1985	Day 1. MI & RU. MI service unit and RU. Prep to pull tbg and remove pkr.
11-17-1985	Day 2. WO McCullough. Kill tbg w/40 bbls KCL water. ND tree & NU BOPs. Unseat pkr, pull out 70' and tbg stuck. Would only go down 30'. WO McCullough to run collar log and chemically cut tbg.
11-18-1985	Day 3. SD, WO pack-off. RU McCullough and RIH w/collar locator. Cut tbg 15' above pkr @ 6,486' and pkr fell down csg (tbg above pkr @ 6,516'). Unable to pull tbg, have 29' of movement up & down. Free rotation when not pulled up or slacked off. When pulled up, free point show stuck in collar @ 5,613'.
11-19-1985	Day 4. Swabbing. Blow well down after SIFN. ND BOP, PU tgb and land tbg head. Install tree and RU to swab. Made 11 runs and recovered 55 bbls kill water (65 BLTR). FL @ 5,000' and SDFN.
11-20-1985	Day 5. FD and prep to flow to pipeline. RU to swab. Made 14 swab runs f/5,500' and after first run to 6,000'. Swab tight, hung up @ 5,600'. Have swabbed back 47 bbls over load. Release rig @ 1400 hours, 11-20-85. Connect well to separator.
11-21-1985	Day 6. Prep to flow to Mountain Fuel. Started up location production equipment and turned well to Mountain Fuel. <u>FINAL REPORT</u>

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY



Rig Hand:

Company Man Cell:

Days on Well:

<i>Drive/Hrs</i>	<i>Ride/Hrs</i>	<i>Work/Hrs</i>	<i>Total/Hrs</i>	<i>Per Diem</i>
6.5		8.5	15	yes
5	6.5	8.5	20	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	11:00	Dig out & cut off the AR 4-1 well-top well off with 5sxs cmt-weld cap & marker on-backfill			
11:00	12:00	Road equip. to the AR 4 34-1			
12:00	2:00	Cut off WH-top well off with 3sxs cmt-weld cap & marker on-backfill			
2:00	3:00	Rack out & road equip. to staging area & secure			
3:00	9:00/2:00	Travel			
Comments:			Comments:		

VP Operations Signature:

Company Name: Anschutz Corp.
AFE or Project #: _____
Well Name/Number: _____
Section/Township/Range _____
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand: _____

Company Man: Terry Cunningham
Company Man Cell: _____

Today's Date: 9/12/2016
Days on Well: _____



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		3	4	yes
	1	3	4	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:00	5:30	Travel			
5:30	6:00	Install new DOT numbers on 2 semis-wait for BH			
6:00	8:30	Take BH to location-dig out the 34-1-road BH to the 4-1-secure equip. & location			
8:30	9:00	Travel			
Comments: Dig out AR 4-1 & cut off WH-top well off-weld cap & marker on-backfill-road to the 34-1 & cut WH off-top well off-weld cap & marker on-backfill-secure equip. & location-travel			Comments:		

P&A Mangers Signature: _____

VP Operations Signiture: _____

Company Name: Anschutz Corp.
AFE or Project #: _____
Well Name/Number: _____
Section/Township/Range _____
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand: _____

Company Man: Terry Cunningham
Company Man Cell: _____

Today's Date: 9/11/2016
Days on Well: _____



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		6	7	yes
	1	6	7	yes
5.5		0	5.5	yes
	5.5	0	5.5	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
10:00	3:30	Crew Travel			
10:00	11:00	Pick up supplies for equip.			
11:00	11:30	Travel			
11:30	1:30	Finish moving some equip. to staging area			
1:30	4:00	Take DOT stickers off of 2 of the semi trucke-take hydraulic pump off of pump & air ram for hydromatic off to be fixed on days off			
4:00	4:30	Secure equip.			
4:30	5:00	Travel			
Comments:			Comments:		

P&A Mangers Signature: _____

VP Operations Signature: _____

Rig Hand:

Company Man Cell:

Days on Well: 5

<i>Drive/Hrs</i>	<i>Ride/Hrs</i>	<i>Work/Hrs</i>	<i>Total/Hrs</i>	<i>Per Diem</i>
1		7	8	yes
	1	7	8	yes
1		7	8	yes
	1	7	8	yes



<i>Task Times:</i>		<i>Job Steps "In Scope"</i>	<i>Task Times:</i>		<i>Job Steps "Out of Bid Scope"</i>
9:00	9:30	<i>Travel</i>			
9:30	11:00	<i>Rack out equip.</i>			
11:00	1:00	<i>Rig down-prep equip. to move to staging area</i>			
1:00	4:00	<i>Start moving equip. to staging area</i>			
4:00	4:30	<i>Secure equip. & location</i>			
4:30	5:00	<i>Travel</i>			
<i>Comments:</i>			<i>Comments:</i>		

VP Operations Signature:

Company Name: Anschutz Corp.
AFE or Project #: _____
Well Name/Number: AR 4-1
Section/Township/Range _____
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand: _____

Company Man: Terry Cunningham
Company Man Cell: _____

Today's Date: 9/9/2016
Days on Well: 4



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11.5	12.5	yes
1		11.5	12.5	yes
	1	11.5	12.5	yes
	1	11.5	12.5	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	8:15	TIH with stinger & tag retainer @2940' (93 jts)			
8:15	8:50	Space out-Ru cmt equip.-reestablish injection rate			
8:50	9:40	Pump cmt (1 bbl FW-125sxs cmt-1 bbl FW-14 bbls disp.-sting out-1.5 bbls disp.)(Cmt: 114sxs below/11sxs on top)			
9:40	10:35	Lay down 33 jts-TOOH			
10:35	11:40	Ru WL-RIH & shoot 4 holes @1919'-POOH-establish injection rate-RIH with 5.5" CICR & set @1874'-POOH-Rd WL			
11:40	2:10	TIH with stinger & tag @1872' (59 jts)-lunch-fill cementer			
2:10	3:30	Pump cmt (1 bbl FW-150sxs cmt-1 bbl FW-7.5 bbls disp.-sting out-1.5 bbls disp.)(Cmt: 139sxs below/11sxs on top)			
3:30	4:10	Lay down all tbg			
4:10	4:20	Ru WL-RIH & shoot 4 hole @100'-POOH-Rd WL			
4:20	5:00	Rd floor-Nd BOP-Nu WH			
5:00	5:30	Pump cmt (35sxs cmt from 100' to surface inside & out)			
5:30	6:00	Secure equip. & location			
6:00	6:30	Travel			
Comments:			Comments:		

P&A Mangers Signature: _____

VP Operations Signature: _____

Company Name: Anschutz Corp.
AFE or Project #:
Well Name/Number: AR 4-1
Section/Township/Range
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand:

Company Man: Terry Cunningham
Company Man Cell:

Today's Date: 9/8/2016
Days on Well: 3



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		13	14	yes
	1	13	14	yes
1		13	14	yes
	1	13	14	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	7:45	TOOH			
7:45	9:30	Ru WL-RIH with GR & tagged @5580'-POOH-RIH with 5.5"			
		CICR & set @5560'-POOH-Rd WL			
9:30	11:45	TIH with stinger @5560'			
11:45	2:10	Tag CICR @6663' (176 jts)-space out-circ. Well with corrosion inhibitor-pressure test csg to 500 psi for 15 min. (good)-sting into retainer & establish injection rate of 2 bbl a min @100 psi lunch			
2:10	4:20	Pump cmt (1 bbl FW-226sxs cmt-1 bbl FW-29 bbls disp.-sting out-1.5 bbls disp.)(Cmt: 215sxs below/11sxs on top)			
4:20	6:00	Lay down 82 jts-TOOH			
6:00	7:00	Ru WL-RIH & shoot 4 holes @2990'-POOH-establish injection rate of 1 bbl @500 psi-RIH with 5.5" CICR & set @2940'-POOH-Rd WL			
7:00	7:30	Shut well in-secure equip. & location			
6:00	8:00	Travel			
Comments: TIH with stinger-pump 125sxs cmt-TOOH-Ru WL-shoot 4 hole @1919'-set CICR @1869'-Rd WL-TIH with stinger-pump 150sxs cmt-TOOH-Ru WL-shoot 4 hole @100'-Rd WL-Rd floor-Nd BOP-Nu WH-pump surface plug			Comments:		

P&A Mangers Signature:

VP Operations Signiture:

Company Name: Anschutz Corp.
AFE or Project #: _____
Well Name/Number: AR 4-1
Section/Township/Range: _____
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand: _____

Company Man: Terry Cunningham
Company Man Cell: _____

Today's Date: 9/7/2016
Days on Well: 2



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11.5	12.5	yes
	1	11.5	12.5	yes
1		10	11	yes
	1	10	11	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
8:00	8:30	Travel			
8:30	9:00	JSA meeting			
9:00	10:15	Blow well down-wait for WL			
			10:00	1:00	Ru WL-RIH with free point tool-2500' free/4000' free/5600' free-
					could not get past tight spot @5623' in tbg-POOH-RIH with jet
					cutter & cut tbg @5613'-POOH-lunch
1:00	3:30	TOOH (came out with 176 jts + 13' cut jt)			
3:30	4:00	TIH open ended for kill string			
4:00	6:30/8:00	Shut well in-secure equip. & location-Fix swabs on pump			
		tri plex-do preventible maintainace on other equip.			
6:30/8:00	7:00/8:30	Travel			
Comments: TOOH-Ru WL-RIH with gauge ring-POOH-RIH with 5.5" CICR & set @5600'-POOH-Rd WL-TIH with stinger on tbg-circ well with corrosion inhibitor-pressure test csg to 500 psi-sting in & establish injection-pump 200sxs cmt-TOOH			Comments:		

P&A Mangers Signature: _____

VP Operations Sigtur: _____

Company Name: Anschutz Corp.
A/E or Project #:
Well Name/Number: AR 34-1 & 4-1
Section/Township/Range
Rig #: 34
Tool Pusher: Darie Roehm
Operator: Tony Hernandez
Rig Hand: Byron Benalli
Rig Hand: Leon Hascom
Rig Hand:

Company Man: Terry Cunningham
Company Man Cell:

Today's Date: 9/6/2016
Days on Well: 6 & 1



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11.5	12.5	yes
1		11.5	12.5	yes
	1	11.5	12.5	yes
	1	11.5	12.5	yes

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	8:30	Rig down-move rig to next location			
8:30	11:00	Wait for base beam & tanks-prep WH			
11:00	12:00	Spot in & rig up			
12:00	2:00	4 bolt & blow well down-lunch			
2:00	5:30	Pump kill on well-Nd WH-Nu BOP-Ru floor-pull hanger-work			
		stuck tbg			
5:30	6:00	Shut well in-secure equip. & location			
6:00	6:30	Travel			
Comments: Ru WL-Free point & cut tbg-TOOH			Comments:		

P&A Mangers Signature: _____ **VP Operations Signature:** _____



Lisha Cordova <lishacordova@utah.gov>

Anschutz Ranch P&A Timing

1 message

Ryan Calhoun <Ryan.Calhoun@aec-denver.com>

Thu, Aug 25, 2016 at 4:57 AM

To: "lishacordova@utah.gov" <lishacordova@utah.gov>

Cc: Mark Amundson <Mark.Amundson@aec-denver.com>, Terry Cunningham <azoilguy@yahoo.com>, Brant Gimmeson <Brant.Gimmeson@aec-denver.com>, Allison Hahn <Allison.Hahn@aec-denver.com>

Lisha,

The latest scheduling update we just received for the rig has them finishing up their current project today or tomorrow and planning to move to our location next Tuesday. Terry Cunningham will be our wellsite leader and his contact information is attached. I am heading out on vacation today and returning 9/1. Mark Amundson will be covering for me in the meantime. His contact info is also attached. Thanks!

Terry CunninghamEPI Consultants
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azoilguy@yahoo.com**Mark Amundson**AEC
Drilling Manager
AEC
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Mark.Amundson@AEC-Denver.com
Denver, CO 80202**Ryan Calhoun**

Anschutz Exploration Corporation

303.299.1584 (office) | 303.710.1713 (cell)

Ryan.Calhoun@aec-denver.com

2 attachments **Terry Cunningham.vcf**
2K **Mark Amundson.vcf**
2K

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ANSCHUTZ CORPORATION, THE		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street Suite 2400 , Denver , CO, 80202		8. WELL NAME and NUMBER: ANSCHUTZ RANCH 4-1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1194 FSL 1485 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 04 Township: 03.0N Range: 07.0E Meridian: S		9. API NUMBER: 43043301210000
9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH		COUNTY: SUMMIT
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/13/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The Anschutz Corporation in partnership with Magna Energy Services plugged the Anschutz Ranch 4-1 on 9/13/2016. Please see attachments for Magna Energy Services post job report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 14, 2017		
NAME (PLEASE PRINT) Monica Stoeber	PHONE NUMBER 303 299-1243	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/14/2017	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Anschutz Corporation, The		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 2400 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1194' FSL 1485' FEL		8. WELL NAME and NUMBER: Anschutz Ranch 4-1
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 4 3N 7E		9. API NUMBER: 4304330121
COUNTY: Summit		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/13/2016	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Anschutz Corporation in partnership with Magna Energy Services plugged the Anschutz Ranch 4-1 on 9/13/2016. Please see attachments for Magna Energy Services post job report.

NAME (PLEASE PRINT) <u>Randy Maxey</u>	TITLE <u>Permitting and Regulatory Manager</u>
SIGNATURE <u></u>	DATE <u>2/14/2017</u>

(This space for State use only)

JOB LOG

Magna Energy Services
20661 Niobrara Blvd.
LaSalle, Colorado 80645

Operator: Anschutz Corporation**Well: AR 34-1****Legal: Sec. 34 T:4N R:7E SWSE****Location: Summit County, UT****AFE:****API: 43-043-30076****Date: 9-1-16 to 9-13-16**

9-1-16: MIRU-NDWH-NUBOP-release packer-TOOH 24 stands-SDFN

9-2-16: TOOH-TIH with bit & scrapper-TOOH-TIH with 5.5" CIBP & set @6850'-TOOH 8 stands-SDFN

9-3-16: TIH-pump 10sxs cmt on top CIBP-TOOH-TIH with 5.5" CICR & set @6407'-circulate well with corrosion inhibitor-pressure test csg to 500 psi for 15 min. (good)-sting into retainer & establish injection rate of 2 bbls a min @100 psi-pump 100sxs cmt (90sxs below/10sxs on top)-TOOH-SDFN

9-4-16: TIH with 5.5" CIBP & set @5913'-pump 25sxs cmt on top-TOOH-Ru WL-RIH & shoot 4 holes @3200'-establish injection rate (1.5 bbls @400 psi)-RIH with 5.5" CICR & set @3150'-POOH-Rd WL-TIH with stinger-sting into retainer-pump 125sxs cmt (114sxs below/11sxs on top)-TOOH-Ru WL-RIH & shoot 4 holes @2250'-establish injection rate-RIH & set 5.5" CICR @2200'-POOH-Rd WL-SDFN

9-5-16: TIH with stinger-sting into retainer-pump 200sxs cmt (189sxs beow/11sxs on top)-TOOH-Ru WL-RIH & shoot 4 holes @100'-POOH-Rd WL-establish circulation up surface-RD floor-NDBOP-NUWH-pump 65sxs cmt (100' to surface inside & out)-SDFN

9-6-16: Rig down

9-13-16: Dig out & cut off WH-top well off with 3sxs cmt-weld cap & marker on-backfill-P&A complete

*****All cement used is class "G" neat, 15.8ppg, 1.15 yield *****

Wireline Contractor: Magna Wireline of Gillette, WY**Cement Contractor: Magna Energy Services of LaSalle, CO****Field Supervison: Darie Roehm****Company Representative: Terry Cunningham****State or BLM Representative: Lisha Cordova**